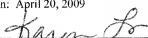


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  KAMINSKI, Joseph M.  Application No.: 10/521,936  Filed: February 7, 2006  For: TRANSPOSON-BASED VECTORS AND METHODS OF NUCLEIC ACID INTEGRATION  Group Art Unit: 1633  Examiner: HILL, Kevin Kai	Confirmation No.: 6143   CERTIFICATE OF EFS WEB TRANSMISSION  I hereby certify that this correspondence, and any other attachment noted on the automated Acknowledgment Receipt, is being transmitted from within the Pacific Time Zone to the Commissioner for Patents via the EFS Web Server on: April 20, 2009   Karen W. Lai, Reg. No. 60,920
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MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

In response to the Final Office Action mailed on December 18, 2008, Applicants request that the above-captioned application be amended as follows:

**A Listing of the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

Applicants respectfully request reconsideration of the application in view of the remarks herein.